

Converting Colors

YIQ(138.9090, 72.5760, 17.3120)

Have a look what the booklet for
YIQ(138.9090, 72.5760, 17.3120)
contains.

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Color

**YIQ(138.9090, 72.5760,
17.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6C58
RGB	219, 108, 88
RGB Percent	86%, 42%, 35%
CMY	0.1409, 0.5766, 0.6546
CMYK	0.00, 0.51, 0.60, 0.14
HSL	9°, 65%, 60%
HSV	9°, 60%, 86%
XYZ	36.3550, 26.4912, 12.4465
YIQ	138.9090, 72.5760, 17.3120

Conversions

Conversions Part 2

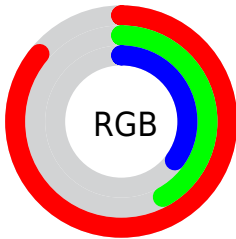
Format	Color
R_{YB}	219, 112, 88
Decimal	14380120
CIE _{Lab}	58.50, 41.83, 31.38
CIE _{LCh}	59, 52.292, 36.883
Yxy	26.4912, 0.4828, 0.3518
Android (android.graphics.Color)	4292570200 (0xFFDB6C58)
YUV	138.9090, -25.0981, 70.2398
Hunter-Lab	51.4696, 36.0100, 21.6910

Details

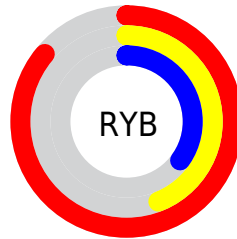
The YIQ color **138.9090, 72.5760, 17.3120** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **168.0910, -72.5760, -17.3120**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.0710, 63.1320, 12.2520**, and **85.2010, 65.8820, 17.4820** is the 20% darker color. If you saturate the color by 10%, you get **125.2480, 84.8630, 20.4070**, and if you desaturate by 10%, it is **152.5700, 60.2890, 14.2170**.

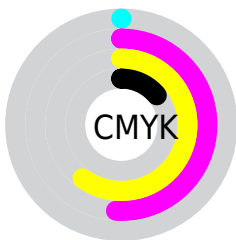
Distribution



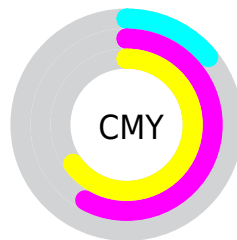
- Red (86%)
- Green (42%)
- Blue (35%)



- Red (86%)
- Yellow (44%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (14%)





- Cyan (14%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.9090, 72.5760, 17.3120 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 138.9090, 72.5760, 17.3120 by changing the saturation by 10% instead.


 138.9090, 72.5760,
17.3120


 138.9090, 72.5760,
17.3120


255.0000, -0.0000,
-0.0000


 111.9410, 69.5500,
17.0860


 187.0710, 63.1320,
12.2520


 85.2010, 65.8820,
17.4820


 205.9980, 47.0400,
6.5280


 57.9880, 62.1680,
18.7120


 226.0990, 30.3980,
-0.2420

 30.1990, 60.1960,
21.4120

 246.3140, 13.4350,
-6.7010

 21.5280, 42.9120,
15.2640

 254.3160, 1.9260,
-1.8660

 14.2810, 27.3700,
10.5860

 0.0000, 0.0000,

0.0000

■ 138.9090, 72.5760,
17.3120

■ 138.9090, 72.5760,
17.3120

■ 125.2480, 84.8630,
20.4070

■ 152.5700, 60.2890,
14.2170

■ 112.1740, 96.8750,
22.9790

■ 165.6440, 48.2770,
11.6450

■ 98.5130, 109.1620,
26.0740

■ 179.3050, 35.9900,
8.5500

■ 85.4390, 121.1740,
28.6460

■ 192.3790, 23.9780,
5.9780

■ 84.8520, 121.4490,
29.1690

■ 206.0400, 11.6910,
2.8830

■ 219.1140, -0.3210,
0.3110

■ 232.6610,
-12.2870, -3.0950

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



140.1370, 63.9070, 36.7630



138.9090, 72.5760, 17.3120



137.5370, 63.9150, -7.4530

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



138.9090, 72.5760, 17.3120



113.4250, -63.0340, -47.0820



130.4330, -72.3980, 12.5140

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



138.9090, 72.5760, 17.3120



168.0910, -72.5760, -17.3120

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



116.5210, -114.5290, -11.4010



138.9090, 72.5760, 17.3120



112.7810, -92.9750, -38.5990

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



138.9090, 72.5760, 17.3120



129.5730, 1.1990, -38.2650



117.3240, -107.1450, -24.0810



144.1270, -9.2220, 34.9860

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



138.9090, 72.5760, 17.3120



136.1510, 49.8420, -22.2380



117.3240, -107.1450, -24.0810



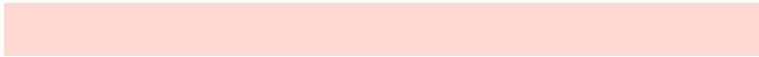
112.7370, -114.8970, -4.7290

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



138.9090, 72.5760, 17.3120



226.8630, 25.4910, 6.0910



139.8230, 42.4450, 62.2930



110.6060, 15.9090, 3.5330



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



138.9090, 72.5760, 17.3120



142.4520, 101.9640, 24.3640



177.0640, 54.7010, -16.6830



102.8760, 6.2810, 1.8090



66.9890, 95.9580, 23.0780



17.8630, 25.4910, 6.0910

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



168.0910, -72.5760, -17.3120



183.5480, -101.9640, -24.3640



129.9360, -54.7010, 16.6830



105.5370, -6.0060, -1.2860



106.0110, -95.9580, -23.0780



28.1370, -25.4910, -6.0910

Previews

White Background



This preview shows how the YIQ color 138.9090, 72.5760, 17.3120 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 138.9090, 72.5760, 17.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

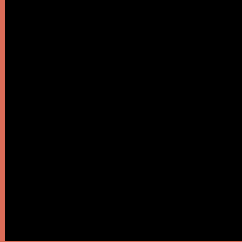
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 138.9090, 72.5760, 17.3120

Background



This preview shows how black text looks on a background with the YIQ color 138.9090, 72.5760, 17.3120.



This preview shows how white text looks on a background with the YIQ color 138.9090, 72.5760,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

138.9090, 72.5760, 17.3120

Protanopia

139.7290, 19.3960, -10.1080

Deuteranopia

140.1350, 38.7440, -8.3280



Tritanopia

140.4820, 66.8890, 26.7690

Trichromacy



Original Color

138.9090, 72.5760, 17.3120

Protanomaly

139.2910, 38.6050, -0.2990

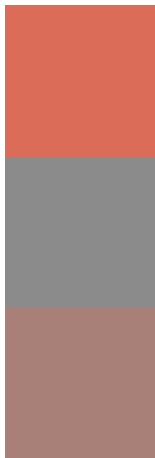
Deuteranomaly

139.5760, 50.9840, 1.1280

Tritanomaly

139.7440, 68.9070, 23.2350

Monochromacy



Original Color

138.9090, 72.5760, 17.3120

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.0480, 26.4080, 5.9920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9090, 72.5760, 17.3120 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 108, 88)` looks like.

```
.text, #text, p{  
    color:rgb(219, 108, 88)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 108, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 108, 88) }
```

Border

The CSS property to change the border of an element to YIQ 138.9090, 72.5760, 17.3120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 108, 88) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 108, 88) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 108, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 108, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 108, 88);  
box-shadow:4px 4px 4px 4px rgb(219, 108,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9090, 72.5760, 17.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 108, 88) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
108, 88) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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